

Ayush Pravesh Malik

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Carrer Objective

A motivated Computer Science student and aspiring AI/ML and Data Science engineer, seeking to apply strong problem-solving abilities, software development experience, and hands-on hackathon exposure to build scalable, real-world solutions. Driven by curiosity and impact, I aim to leverage AI, full-stack development, and data-driven insights to solve complex problems, continuously learn from industry challenges, and contribute meaningfully to an innovative organization while growing as a technology professional.

Work Experience

Software Development Intern

ParkBy Pvt Ltd

Aug 2025 – Nov 2025

- Developed a **parking slot booking web application** Frontend using the **React**, integrating AI-based safety features.
- Built and maintained the **backend in Django**, ensuring scalability, Security and efficient data handling.
- Worked as a **Project Manager**, managed the agile working of the website on **JIRA**

Projects

PatientKhata | [Tech Stack: typescript, Firebase (Database, Authentication)]

- Secure platform for doctors to manage and access patient health records with unique patient IDs.
- Enables recording and retrieval of disease descriptions and treatment history.
- Ensures privacy with restricted access for authorized doctors only.

AttendX – Hybrid Automated Attendance System | [Tech Stack: YOLOv11, DeepFace, Python, Flask, React, Firebase, CCTV APIs, Zoom/Meet APIs]

- Designed a hybrid AI-based attendance system supporting both offline (CCTV) and online (Zoom/Google Meet) classrooms.
- Implemented YOLOv11 face detection and DeepFace recognition with randomized multi-checks to ensure accurate, proxy-free attendance.
- Built a cloud dashboard with real-time attendance updates, student notifications, and teacher override support.

Netflix Data Analysis Project | [Tech Stack: Python, Pandas, Matplotlib]

- Analyzed 6,000+ Netflix titles using Pandas and Matplotlib for content trends and classifications.
- Created visualizations on genre distribution, ratings, and movie durations.
- Extracted data-driven insights on platform strategies and global content consumption shifts.

KissanKhata | [Tech Stack: typescript, Firebase (Database, Authentication)]

- Built a role-based Pesticide Management Web App with React and Firebase for managing products, sales, collections, and schemes.
- Implemented Firebase authentication with role-based dashboards, persistent login, password reset, and PDF/Excel report
- Delivered a clean, responsive UI with protected routes and dynamic components for all roles (distributor, staff, accountant, manager).

Education

- Shri Ramdeobaba College of Engineering and Management (VI Sem 3rd Year)** 2023-2027
CGPA 8.19
- Sarosh Jr. college, Aurangabad** 2022-2023
HSC 81%

Skills

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|------------|------------|--------------|----------------|
| • Java | • C | • SQL | • Python |
| • Firebase | • Flutter | • Github | • Pytorch |
| • OpenCV | • React.js | • Express.js | • React native |

Certificates

- Java Basic – HackerRank June 2025
- SQL Intermediate – HackerRank June 2025

Achievements

- Joint Secretary at NSS RBU
- Secured 8th rank at Hack4Health hackathon at IIIT Delhi, finalist of multiple National level hackathons.